



Evaluation of the AminoMax Process Using the Cornell System: Product Consistency

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AminoMax is a blend of canola meal and soybean meal. The important feature of this technology is that incoming ingredients are analyzed on a continuous basis, and all ingredients are processed separately to attain the desired end point. Using this patented technology insures that AminoMax is consistent from load to load.

This study was conducted at the Wm. H. Miner Institute. The procedure developed by Ross et al. (2013) was used to evaluate samples of canola meal and soybean meal commercially processed to determine consistency of the treated meals. Results are presented in the Table below.

Effects of the AminoMax process on rumen undegraded protein (RUP) and RUP digestibility:

Meal	RUP, %	RUP Digestibility, %
Canola meal	83.8 \pm 1.6	79.3 \pm 1.3
Soybean meal	81.9 \pm 0.2	89.4 \pm 0.7

The results clearly show that the rumen undegraded protein (RUP) as well as RUP digestibility of the two major protein sources used in the blend were maintained within a very narrow range.

Reference: Ross, D.A., M. Gutierrez-Botero, and M. E. Van Amburgh. 2013. Development of an In Vitro intestinal digestibility assay for ruminant feeds. Proc. Cornell Nutr. Conf. P. 190-202.